

SR 167 HOT Lanes Pilot Project

What do SR 167 users have to say about HOT lanes?

WSDOT has been out in the community talking to SR 167 commuters about HOT lanes.

We heard that the most important aspects of the HOT lanes are:

- ◆ Time savings
- ◆ Trip reliability
- ◆ Easier, less stressful driving

Most people said they would consider using the HOT lane if it would get them where they need to be on time.

A number of people had concerns about enforcement.

"I will use the HOT lane if I am running late; getting to a job site on time is worth more than the cost of a toll."
-SR 167 Commuter

ADA Information:

Individuals requiring reasonable accommodation of any type may contact Mike Sallis at sallism@wsdot.wa.gov or (206) 464-1230. Persons who are deaf or hard of hearing may call WA State Telecommunications Relay Service (TTY) at 711.

Title VI:

WSDOT assures full compliance with Title VI of the Civil Rights Act of 1964 by prohibiting discrimination based on race, color, national origin and sex in the provision of benefits and services. For language interpretation services, please contact Mike Sallis at (206) 464-1230. For information on WSDOT's Title VI Program, please contact the Title VI Coordinator at (360) 705-7098.

Project costs and funding:

Estimated costs range from \$14 to \$20 million (dependent on the HOT lane design selected). Estimated costs include:

- ◆ Construction
- ◆ Electronic tolling equipment
- ◆ Pavement markings and signage
- ◆ Transponders and readers
- ◆ Maintaining traffic flow during construction

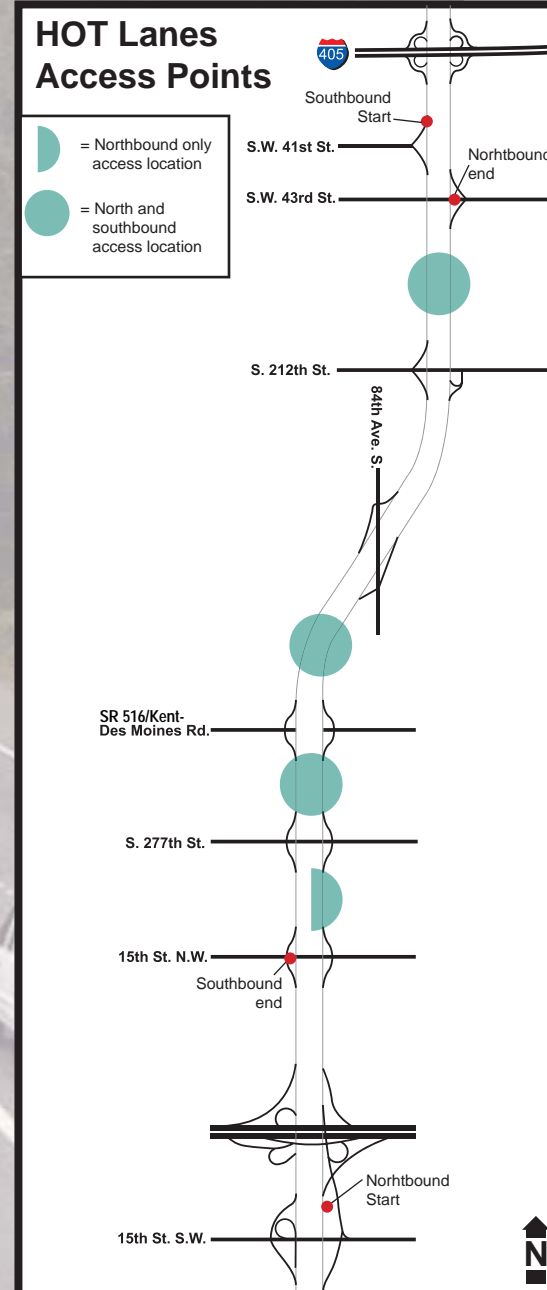
The HOT Lanes Pilot Project has received \$15.38 million in state and federal funding.

For more information:

Visit the project Web site:
www.wsdot.wa.gov/projects/SR167/HOTLanes

Contact:
Patty Rubstello
WSDOT SR 167 HOT Lane
Project Manager
Phone: (425) 450-2720
Email: SR167hotlanes@wsdot.wa.gov

SR 167



Giving drivers a new way to get where they need to go...

High Occupancy Toll (HOT) lanes:

- ◆ Improve traffic flow.
- ◆ Allow more vehicles to move through the corridor.
- ◆ Maintain speed and travel time reliability for transit and carpools.

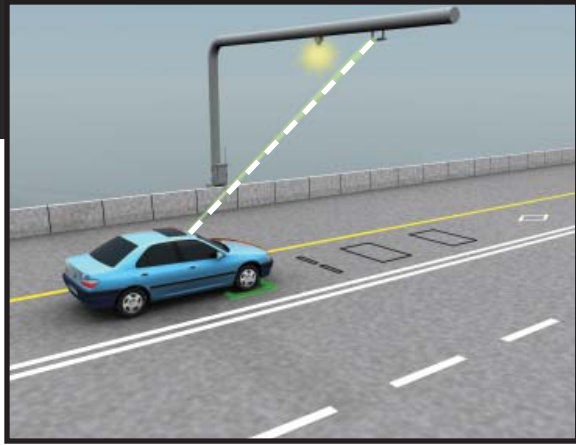
What are HOT lanes?

- ◆ HOT lanes are lanes that are open to vanpools, carpools, transit, and toll-paying solo drivers.
- ◆ Solo drivers can use the lanes by paying a toll.
- ◆ Carpools will continue to use the HOT lanes toll-free.
- ◆ Tolls are adjusted to keep traffic flowing at 45 mph or faster even when regular lanes may be congested.

HOT lanes are coming to SR 167.

- ◆ HOT lanes are set to open in 2008.
- ◆ The SR 167 HOT lanes project will convert nine miles of the existing carpool lanes between Renton and Auburn to HOT lanes.
- ◆ Lanes will be re-stripped to create a buffer and merging space between the HOT lane and the adjacent general-purpose lane. This improves safety and driver comfort.
- ◆ Law enforcement and incident response teams will ensure proper use of the HOT lanes.
- ◆ Solo drivers will be allowed to access the HOT lanes as long as speeds are 45 mph or higher.
- ◆ Carpools and vanpools use the HOT lane toll-free and will still be given priority with added safety and trip reliability.

For up-to-date project information please visit our Web site:
www.wsdot.wa.gov/projects/SR167/HotLanes.



Electronic readers and transponders mean no toll booths.

Automated toll collection maintains speeds and assists with enforcement.

- ◆ No tollbooths required! The automated toll collection system will include a vehicle-mounted transponder, over-roadway transponder readers and electronic toll rate signs.
- ◆ A flashing enforcement light at access points will signify when a vehicle drives through with an active transponder. If the light does not flash, Washington State Patrol will check to see if there are two or more people in the vehicle.

Tolls are set to keep traffic moving.

- ◆ Tolls for solo drivers are based on congestion. When the lanes open in 2008, the price will likely be between \$1.50 and \$2.00 per trip during peak hours or higher during times of heavy congestion.
- ◆ As more people enter the HOT lane, the toll goes up. A higher toll will result in fewer solo drivers entering the HOT lane and traffic will keep moving.
- ◆ WSDOT will monitor speeds to make sure traffic continues to move at least 45 mph, and likely up to 60 mph.



A toll transponder will be placed on a solo driver's front windshield.

SR 167 has space in its carpool lanes... WSDOT is giving you a new reliable way to get where you need to go.

An analysis of the SR 167 carpool lanes found that there is room to help alleviate some of the traffic in the regular lanes while maintaining trip reliability for carpoolers and vanpoolers.



Existing SR 167 facility with HOV lanes



Proposed SR 167 with HOV lanes converted to HOT lanes

HOT lanes save time for all commuters on SR 167.

Converting the carpool lanes to HOT lanes is expected to make better use of the road. More vehicles will be able to travel during the peak periods. Speed and trip reliability will be maintained for buses, carpools and vanpools in the HOT lanes.

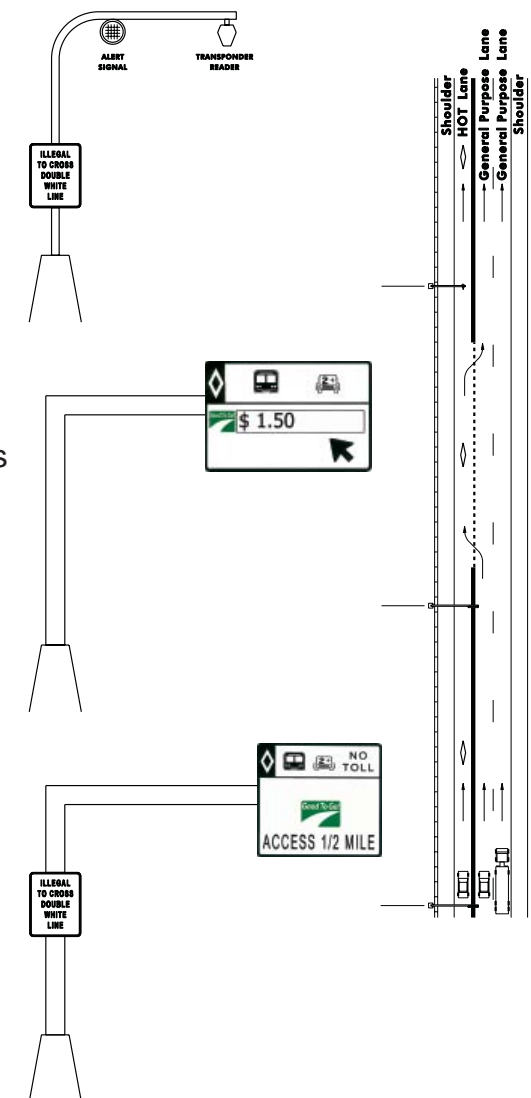
- ◆ Opening year projections for morning commute, northbound:
 - Total number of vehicles traveling through the corridor increases up to 12%
 - Total number of vehicles traveling in the current carpool lane increases up to 20%
- ◆ Opening year projections for evening commute, southbound:
 - Total number of vehicles traveling through the corridor increases up to 13%
 - Total number of vehicles traveling in the current carpool lane increases up to 56%

Even with more vehicles on the highway, speeds in the regular lanes should stay the same or increase up to 10 mph because the traffic is spread out. Tolls help maintain speeds in the current carpool lanes.

Carpools will continue to use the HOT lane without paying a toll

How HOT Lanes Work

- ◆ An automatic reader will deduct tolls and alert enforcement patrols of violators.
- ◆ Dotted lines indicate access points and signs display the toll.
- ◆ Signs let you know when you can enter the lane.



For more information visit:
www.wsdot.wa.gov/projects/SR167/HotLanes